

CLAIMS (UNAMENDED)

Although not currently amended, the pending claims are reproduced below for the Examiner's convenience.

Claims 1-24 (Canceled).

25. (Previously Presented): A nanoemulsion, comprising:

an oily phase dispersed in an aqueous phase and having oil globules with a number-average size of less than 100 nm, wherein the oil globules are free of a lamellar liquid crystal coating,

a surfactant which is solid at a temperature of less than or equal to 45°C, wherein the surfactant is selected from the group consisting of esters of a fatty acid and of a sugar and ethers of a fatty alcohol and of a sugar, and

at least one oil having a molecular weight of greater than 400,

wherein the ratio by weight of the amount of oily phase to the amount of surfactant is 2 to 10.

26. (Previously Presented): The nanoemulsion according to Claim 25, having a turbidity of 60 to 600 NTU.

27. (Previously Presented): The nanoemulsion of Claim 25, wherein the amount of surfactant is 0.2 to 15% by weight with respect to the total weight of the nanoemulsion.

28. (Previously Presented): The nanoemulsion of Claim 25, wherein the ratio by weight of the amount of oily phase to the amount of surfactant is 3 to 6.

Application No. 10/724,826
Reply to Office Action of May 29, 2008

29. (Previously Presented): The nanoemulsion of Claim 25, wherein the oil globules have an average size of 20 to 75 nm.

30. (Previously Presented): The nanoemulsion of Claim 25, wherein the surfactant is selected from the group consisting of esters or mixtures of esters of a C₈-C₂₂ fatty acid and of sucrose, maltose, glucose or fructose, esters or mixtures of esters of a C₁₄-C₂₂ fatty acid and of methylglucose, ethers or mixtures of ethers of a C₈-C₂₂ fatty alcohol and of glucose, maltose, sucrose or fructose, and ethers or mixtures of ethers of a C₁₄-C₂₂ fatty alcohol and of methylglucose.

31. (Previously Presented): The nanoemulsion of Claim 25, wherein the surfactant is selected from the group consisting of sucrose monostearate, sucrose distearate, sucrose tristearate and their mixtures, the distearate of methylglucose and polyglycerol-3, and alkyl polyglucosides.

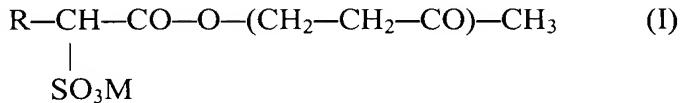
32. (Previously Presented): The nanoemulsion of Claim 25, wherein the oil with a molecular weight of greater than 400 is selected from the group consisting of animal oils, vegetable oils, mineral oils, synthetic oils, silicone oils, and mixtures thereof.

33. (Previously Presented): The nanoemulsion of Claim 25, wherein the oily phase additionally comprises at least one oil having a molecular weight of less than 400.

34. (Previously Presented): The nanoemulsion of Claim 25, wherein the oily phase comprises at least 40% by weight of oil(s) having a molecular weight of greater than 400 with respect to the total weight of the oily phase.

35. (Previously Presented): The nanoemulsion of Claim 25, wherein the amount of oily phase is 2 to 40% by weight with respect to the total weight of the nanoemulsion

36. (Previously Presented): The nanoemulsion of Claim 25, further comprising at least one ionic amphiphilic lipid selected from the group consisting of anionic amphiphilic lipids, cationic amphiphilic lipids and alkylsulfonic derivatives, wherein the alkylsulfonic derivatives are of the formula (I):

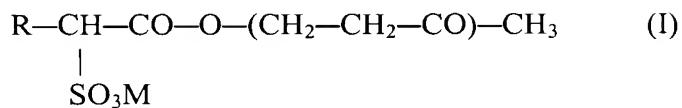


in which R represents C₁₆-C₂₂ alkyl radicals, taken as a mixture or separately, and M is an alkali metal.

37. (Previously Presented): The nanoemulsion according to Claim 36, wherein the ionic amphiphilic lipids are selected from the group consisting of
the alkaline salts of dicetyl and dimyristyl phosphate;
the alkaline salts of cholesterol sulphate;
the alkaline salts of cholesterol phosphate;
the salts of lipoamino acids;
the sodium salts of phosphatidic acid;
phospholipids;

Application No. 10/724,826
Reply to Office Action of May 29, 2008

the alkylsulfonic derivatives of formula (I):



in which R represents C₁₆-C₂₂ alkyl radicals, taken as a mixture or separately, and M is an alkali metal;

quaternary ammonium salts, fatty amines and their salts;
and mixtures thereof.

38. (Previously Presented): The nanoemulsion of Claim 36, wherein the amount of ionic amphiphilic lipid(s) is 0.01 to 5% by weight with respect to the total weight of the nanoemulsion.

39. (Previously Presented): The nanoemulsion of Claim 25, further comprising an additive which improves the transparency thereof and selected from the group consisting of lower alcohols, glycols, sugars and mixtures thereof.

40. (Previously Presented): The nanoemulsion of Claim 39, wherein the additive is present in a concentration ranging from 5 to 20% by weight with respect to the total weight of the nanoemulsion.

41. (Previously Presented): The nanoemulsion of Claim 25, further comprising a cosmetic, dermatological or ophthalmological active agent.

Application No. 10/724,826
Reply to Office Action of May 29, 2008

42. (Previously Presented): A composition suitable for topical use comprising the nanoemulsion of Claim 25.

43. (Previously Presented): An ophthalmic vehicle comprising the nanoemulsion of Claim 25.

44. (Withdrawn): A method of caring for, treating and/or making up the skin, face and/or scalp, comprising applying the nanoemulsion of Claim 25 to the skin, face and/or scalp.

45. (Withdrawn): A method of caring for and/or treating the hair, comprising applying the nanoemulsion of Claim 25 to the hair.

46. (Withdrawn): A method of caring for and/or moisturizing the skin, mucous membranes and/or scalp, comprising applying the nanoemulsion of Claim 25 to the skin, mucous membranes and/or scalp.

47. (Withdrawn): A method of preparing the nanoemulsion of Claim 25, comprising: mixing the aqueous phase and the oily phase with vigorous stirring at an ambient temperature ranging from 10 to 80°C and then homogenizing the mixture at a pressure ranging from 6×10^7 Pa to 18×10^7 Pa.

48. (Withdrawn): The process of Claim 47, wherein said mixing is conducted at a shearing of 2×10^6 s⁻¹ to 5×10^8 s⁻¹.

49. (Withdrawn): A method of caring for skin comprising applying the nanoemulsion according to Claim 25 to the skin.

50. (Withdrawn): A method of treating skin comprising applying the nanoemulsion according to Claim 25 to the skin.

Application No. 10/724,826
Response to Office Action dated May 29, 2008

51. (Withdrawn): A method of making up skin comprising applying the nanoemulsion according to Claim 25 to the skin.

52. (Withdrawn): A method of caring for hair comprising applying the nanoemulsion according to Claim 25 to the hair.

53. (Withdrawn): A method of treating hair comprising applying the nanoemulsion according to Claim 25 to the hair.